

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	550920	(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 or varian\$4)same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)same(scal\$3 or tranform\$6 or convert\$3 or enlarg\$6 or reduc\$6 or zoom\$4 or magnif\$6 or bulg\$4 or deform\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 17:22
L2	129823	L1 same(mov\$6 or motion\$4 or orientation\$4 or shift\$4 or rotat\$6 or displac\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:17
L3	63707	L2 same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or sampl\$4 or cut\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:17
L4	4506	L3 same(overlap\$4 or overlay\$4 or offset\$4 or over-lap\$4 or over-lay\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:18
L5	1576	L4 same(align\$4 or stitch\$3 or align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4 or attach\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:18
L6	390	5 same(anomal\$4 or unsharp\$3 or distort\$4 or dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or defect\$46 or aberration\$4 or bulg\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:19
L7	199	6 same(calculat\$4 or comput\$6 or measur\$6 or estimat\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:19
L8	18	7 same(camera\$2)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:20
L9	1	"6707487".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:06
L10	1	"6445816".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:07
L11	1	"6416477".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:07
L12	1	"6390980".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:07
L13	1	"6373970".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:07
L14	1	"6364835".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:08
L15	1	"6360027".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:08

## EAST Search History

L16	1	"6271859".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:08
L17	1	"6263101".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:08
L18	1	"6228030".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:08
L19	1	"6079862".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:10
L20	1	"6079862".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:10
L21	1	"5739857".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:11
L22	1	"5506912".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:11
L23	1	"6061644".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:11
L24	1	"6061644".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:11
L25	1	"5936656".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:11
L26	1	"5926780".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:12
L27	96396	(imag\$4)same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 or varian\$4)same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)same(scal\$3 or tranform\$6 or convert\$3 or enlarg\$6 or reduc\$6 or zoom\$4 or magnif\$6 or bulg\$4 or deform\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:13
L28	30126	27 same(mov\$6 or motion\$4 or orientation\$4 or shift\$4 or rotat\$6 or displac\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:17
L29	15567	28 same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or sampl\$4 or cut\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:17
L30	1306	29 same(overlap\$4 or overlay\$4 or offset\$4 or over-lap\$4 or over-lay\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:18
L31	553	30 same(align\$4 or stitch\$3 or align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4 or attach\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:18

## EAST Search History

L32	180	31 same(anomal\$4 or unsharp\$3 or distort\$4 or dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or defect\$46 or aberration\$4 or bulg\$4)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:19
L33	114	32 same(calculat\$4 or comput\$6 or measur\$6 or estimat\$6)	US-PGPUB; USPAT	OR	ON	2007/10/05 12:19
L34	17	33 same(camera\$2)	US-PGPUB; USPAT	OR	ON	2007/10/05 17:23
L35	1	"6137498".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:33
L36	1	"6075905".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:33
L37	1	"6021256".PN.	USPAT; USOCR	OR	ON	2007/10/05 12:34
L38	1	"5991444".PN.	USPAT; USOCR	OR	ON	2007/10/05 13:57
L44	15	"669715"	USPAT; USOCR	OR	ON	2007/10/05 14:00
L45	3	"7069308"	USPAT; USOCR	OR	ON	2007/10/05 14:02
L46	1	"5328073".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:21
L47	1	"5534915".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:22
L48	1	"5778108".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:22
L49	1	"5959697".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:22
L50	1	"6049628".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:22
L51	1	"5643699".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:32
L52	1	"5643699".PN.	USPAT; USOCR	OR	ON	2007/10/05 14:32
L53	187	7 same(distort\$4 or dust\$3 or scratch\$3 or nois\$3 or blur\$3 or artifact\$3 or defect\$46)	US-PGPUB; USPAT	OR	ON	2007/10/05 17:23
L54	18	53 same(camera\$2)	US-PGPUB; USPAT	OR	ON	2007/10/05 17:23
L55	1	"6046695".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:24
L56	1	"5475769".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:24

## EAST Search History

L57	1	"6445816".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:25
L58	1	"6416477".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:25
L59	1	"6390980".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:25
L60	1	"6364835".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:25
L61	1	"6238345".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L62	1	"6210328".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L63	1	"6128108".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L64	1	"6117081".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L65	1	"5910114".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L66	1	"5873830".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:26
L67	1	"5557286".PN.	USPAT; USOCR	OR	ON	2007/10/05 17:27


[Search Result - Print Format](#)
[< Back](#)

**Key:** IEEE JNL = IEEE Journal or Magazine, IEEE JNL = IEEE Journal or Magazine, IEEE CNF = IEEE Conference, IEEE CNF = IEEE Conference, IEEE STD = IEEE Standard

1. **Noise-adaptive spatio-temporal filter for real-time noise removal in low light level images**  
Seong-Won Lee; Vivek Maik; Jihoon Jang; Jeongho Shin; Joonki Paik;  
Consumer Electronics, IEEE Transactions on  
Volume 51, Issue 2, May 2005 Page(s):648 - 653  
IEEE JNL
2. **An adaptive order-statistic noise filter for gamma-corrected image sequences**  
Kleihorst, R.P.; Lagendijk, R.L.; Biemond, J.;  
Image Processing, IEEE Transactions on  
Volume 6, Issue 10, Oct. 1997 Page(s):1442 - 1446  
IEEE JNL
3. **Block-based noise estimation using adaptive Gaussian filtering**  
Dong-Hyuk Shin; Rae-Hong Park; Seungjoon Yang; Jae-Han Jung;  
Consumer Electronics, IEEE Transactions on  
Volume 51, Issue 1, Feb. 2005 Page(s):218 - 226  
IEEE JNL
4. **Nonlinear distortion correction in endoscopic video images**  
Chao Zhang; Helferty, J.P.; McLennan, G.; Higgins, W.E.;  
Image Processing, 2000. Proceedings. 2000 International Conference on  
Volume 2, 10-13 Sept. 2000 Page(s):439 - 442 vol.2  
IEEE CNF
5. **Design of a High Performance Digital Architecture for Real-Time Correction of Radial Lens Distortion**  
Ngo, Hau T.; Asari, Vijayan K.;  
Circuits and Systems, 2006. MWSCAS '06. 49th IEEE International Midwest Symposium on  
Volume 2, 6-9 Aug. 2006 Page(s):526 - 530  
IEEE CNF
6. **Multistage bilateral noise filtering and edge detection for color image enhancement**  
Wen-Chung Kao; Ying-Ju Chen;  
Consumer Electronics, IEEE Transactions on  
Volume 51, Issue 4, Nov. 2005 Page(s):1346 - 1351  
IEEE JNL
7. **Videoendoscopic distortion correction and its application to virtual guidance of endoscopy**  
Helferty, J.P.; Chao Zhang; McLennan, G.; Higgins, W.E.;  
Medical Imaging, IEEE Transactions on  
Volume 20, Issue 7, July 2001 Page(s):605 - 617  
IEEE JNL
8. **A new approach for nonlinear distortion correction in endoscopic images based on least squares estimation**  
Vijayan Asari, K.; Kumar, S.; Radhakrishnan, D.;  
Medical Imaging, IEEE Transactions on  
Volume 18, Issue 4, April 1999 Page(s):345 - 354  
IEEE JNL

9. **RDS and IRDS filters for high-speed CCD video sensors**  
Jung, M.; Reibel, Y.; Cunin, B.; Draman, C.;  
Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and System II: Express Briefs, IEEE Transactions on]  
Volume 47, Issue 9, Sept. 2000 Page(s):958 - 965  
IEEE JNL
10. **Adaptive motion-compensated filtering of noisy image sequences**  
Ozkan, M.K.; Sezan, M.I.; Tekalp, A.M.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 3, Issue 4, Aug. 1993 Page(s):277 - 290  
IEEE JNL
11. **An evaluation of the effect of filtering in 3-D OSEM reconstruction by using data from a high-resolution PET scanner**  
Baghaei, H.; Uribe, J.; Hongdi Li; Yu Wang; Aykac, M.; Yaqiang Liu; Tao Xing; Wai-Hoi Wong;  
Nuclear Science, IEEE Transactions on  
Volume 49, Issue 5, Oct. 2002 Page(s):2381 - 2386  
IEEE JNL
12. **A pipelined architecture for real-time correction of barrel distortion in wide-angle camera images**  
Ngo, H.T.; Asari, V.K.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 15, Issue 3, March 2005 Page(s):436 - 444  
IEEE JNL
13. **Evaluation of the 3D IMF-OSEM algorithm by using data from a high resolution PET scanner**  
Baghaei, H.; Uribe, J.; Hongdi Li; Yu Wang; Aykac, M.; Yaqiang Liu; Tao Xing; Wai-Hoi Wong;  
Nuclear Science Symposium Conference Record, 2001 IEEE  
Volume 3, 4-10 Nov. 2001 Page(s):1791 - 1795 vol.3  
IEEE CNF
14. **Block-based noise estimation using adaptive Gaussian filtering**  
Dong-Hyuk Shin; Rae-Hong Park; Seungjoon Yang; Jae-Han Jung;  
Consumer Electronics, 2005. ICCE. 2005 Digest of Technical Papers. International Conference on  
8-12 Jan. 2005 Page(s):263 - 264  
IEEE CNF
15. **Segmentation-based adaptive spatio-temporal filtering for noise canceling and MPEG pre-processing**  
Seong-Won Lee; Maik, V.; Jihoon Jang; Jeongho Shin; Joonki Paik;  
Consumer Electronics, 2005. ICCE. 2005 Digest of Technical Papers. International Conference on  
8-12 Jan. 2005 Page(s):359 - 360  
IEEE CNF
16. **Efficient block-based coding of noise images by combining pre-filtering and DCT**  
Sung Deuk Kim; Sung Kyu Jang; Myung Jun Kim; Jong Beom Ra;  
Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Symposium on  
Volume 4, 30 May-2 June 1999 Page(s):37 - 40 vol.4  
IEEE CNF
17. **New digital processor for SPECT camera-correction of multiple-energy photon spatial distortion**  
Jiang, J.; Htun, M.; Kline, B.; Lim, C.; Rappoport, V.;  
Nuclear Science Symposium and Medical Imaging Conference Record, 1995., 1995 IEEE  
Volume 2, 21-28 Oct. 1995 Page(s):1084 - 1086 vol.2  
IEEE CNF
18. **A simplified method of endoscopic image distortion correction based on grey level registration**

Miranda-Luna, R.; Blondel, W.C.P.M.; Daul, C.; Hernandez-Mier, Y.; Posada, R.; Wolf, D.;  
Image Processing, 2004. ICIP '04. 2004 International Conference on  
Volume 5, 24-27 Oct. 2004 Page(s):3383 - 3386 Vol. 5

IEEE CNF

**19. Surface profile measurement and stabilized Michelson interferometer**

Jin-Tae Kim; Dohyoung Kim; Hyun Su Kim;  
Lasers and Electro-Optics, 2003. CLEO/Pacific Rim 2003. The 5th Pacific Rim Conference on  
Volume 2, 15-19 Dec. 2003 Page(s):578 vol.2

IEEE CNF

**20. Resolution vs. tracking error: zoom as a gain controller**

Tordoff, B.J.; Murray, D.W.;  
Computer Vision and Pattern Recognition, 2003. Proceedings. 2003 IEEE Computer Society Conference on  
Volume 1, 18-20 June 2003 Page(s):I-273 - I-280 vol.1

IEEE CNF

**21. Improved method for blocking-artifact reduction in block coded images in wavelet-transform domain**

Hadhoud, M.M.; Foad, M.M.; Abd Allah, H.A.;  
Radio Science Conference, 2002. (NRSC 2002). Proceedings of the Nineteenth National  
19-21 March 2002 Page(s):301 - 308

IEEE CNF

**22. Blur identification and correction for a given imaging system**

Chitale, S.; Padgett, W.T.;  
Southeastcon '99. Proceedings. IEEE  
25-28 March 1999 Page(s):268 - 273

IEEE CNF

**23. Trade-offs between color saturation and noise sensitivity in image sensors**

Vora, P.; Herley, C.;  
Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on  
Volume 1, 4-7 Oct. 1998 Page(s):196 - 200 vol.1

IEEE CNF

**24. An efficient spatio-temporal OS-filter for gamma-corrected video signals**

Kleihorst, R.P.; Lagendijk, R.L.; Biemond, J.;  
Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference  
Volume 1, 13-16 Nov. 1994 Page(s):348 - 352 vol.1

IEEE CNF

**25. An Image-Enhancement System Based on Noise Estimation**

Russo, F.;  
Instrumentation and Measurement, IEEE Transactions on  
Volume 56, Issue 4, Aug. 2007 Page(s):1435 - 1442

IEEE JNL